



**ISO/IEC 27004:2009- Information Security
Management Systems- Measurement:
Fundamentals**
Course Outline



Program Overview

This 2-day program explains the concepts and basis of development and use of measures and measurement in order to assess the effectiveness of an implemented ISMS and controls or groups of controls, as specified in ISO/IEC 27001. Knowing the foundations in establishing, implementing and evaluating an effective Information security program will be featured based on the guidelines specified in ISO 27004:2009, which encourages the organization to provide reliable information to relevant stakeholders concerning its information security risks and the status of the implemented ISMS to manage these risks- both in long-term and short term.

Duration

2- Day Program

Learning Objectives

At the end of this training, participants will be able to:

- Internalize the basis of having an effective information security management practice
- Discuss the fundamentals of establishing, implementing and evaluating the Information Security Management Program based on the guidelines specified in ISO/IEC 27004:2009
- Know the techniques, watchpoints and other practices that help compliment the implementation of an Information Security Management Program

Target Audience

- Members of an information security team
- IT professionals wanting to gain a comprehensive knowledge of the main processes of an Information security Management System (ISMS)
- Staff involved in the implementation of the ISO/ IEC 27001 Standard
- Technicians involved in operations related to an ISMS
- Auditors
- CxO and Senior Managers responsible for the IT governance of an enterprise and the management of its risks

Program Structure and Outline

This course is a combination of instructor-led lectures and group activities.

- An overview of Information Security measurement
 - About and objectives of information security management
 - Success factors
 - The Information security management model
- Management Responsibilities
 - Resource Management
 - Measurement training, awareness and competence
- Measures and measurement development
 - Definition of measurement scope
 - Identification of information need
 - Object and attribute selection



- Measurement construct development
- The Measurement construct and examples
- Data collection, analysis and reporting
- Measurement implementation and documentation
- Measurement operation
 - Procedure integration
 - Data collection, storage and verification
- Data analysis and measurement results reporting
 - Analyze data and develop measurement results
 - Communicate measurement results
- Information security measurement program evaluation and improvement
 - Identifying evaluation criteria for the Information Security Measurement Program
 - Monitor, review, and evaluate the Information security measurement program
 - Implement improvements

Why Choose SAS Management Inc.

We Deliver Results

SAS Management Inc. has consistently proven its capability to deliver and exceed our clients' expectations. We are the only PEOPLECERT® Accredited Training Organization (ATO) in the Philippines. Our pool of consultants and trainers are seasoned industry veterans who have above average qualifications and certifications such as Business Management, Process Improvement, and Organizational Development Programs.

We Create Value

SAS Management Inc. believes in ensuring that our services meet the intended needs of our clients. To us, it is more than just providing training and consulting but rather ensuring that these are the things that our clients really need. This is why SAS Management Inc. is probably the only training provider that does a thorough needs assessment prior to providing a proposal. Our goal for every proposal is to CREATE VALUE for your organization.

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